

ABSTRACT OF THE DISCLOSURE

Abstract

~~Power output stage for capacitive loads~~

A power output stage for capacitive loads ~~comprising includes:~~

- an energy storage inductance [(8)], having one end ~~of~~ which is connected to a reference potential [(9)] and ~~which at the~~ an opposite end ~~is~~ connected on the input side to a power supply connection [(1)] and on the output side to a secondary energy storage capacitance [(4)];
- a primary energy storage capacitance (3) ~~which~~ is connected upstream of the energy storage inductance [(8)] on the input side, ~~with the primary energy storage capacitance (3) once again being~~ and connected on the input side via a primary switching element [(12)] with a reference potential [(9)], and
- a secondary switching element (14) ~~which~~ is connected in series with the secondary energy storage capacitance (4), characterized in that

the input of the power output stage is clocked by an additional switch [(20)].

Figure 1